

and on the morning of September 3, the stage of the Wateree River at Camden, S. C., was 25.2 feet, 1.2 foot above the flood stage. Warnings were issued on August 31, and the damage caused by the flood was inconsequential.

The flood service along the lower Rio Grande was reorganized during the month. Gage readings will be made whenever necessary at Eagle Pass, Laredo, and Mission, Tex., and arrangements have been made by the official in charge of the local office of the Weather Bureau at Houston, Tex., for the widespread

dissemination of flood warnings as far south as Brownsville, Tex.

Hydrographs for typical points on several principal rivers are shown on Chart I. The stations selected for charting are Keokuk, St. Louis, Memphis, Vicksburg, and New Orleans, on the Mississippi; Cincinnati and Cairo, on the Ohio; Nashville, on the Cumberland; Johnsonville on the Tennessee; Kansas City on the Missouri; Little Rock on the Arkansas; and Shreveport on the Red.

SPECIAL PAPERS ON GENERAL METEOROLOGY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Librarian.

The following have been selected from among the titles of books recently received, as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies. Anonymous publications are indicated by a —.

Ansart-Deusy, A.

Théorie des mouvements de l'atmosphère et de l'océan. Paris. 1877. 272 p. 8°.

Baden. Zentralbureau für Meteorologie und Hydrographie.

Jahresbericht... 1909. Karlsruhe. 1910. 116 p. f°.

Deutsches meteorologisches Jahrbuch. 1909. Karlsruhe. 1910. 76 p. f°.

British association for the advancement of science.

Report... Winnipeg: 1909, August 25—September 1. London. 1910. cxliii, 842, [96] p. 8°.

Brommer, Alois.

Beiträge zur Kenntniss der atmosphärischen Elektrizität.—XXXII. Das atmosphärische Potentialgefälle in Triest nach den Beobachtungen von November 1902 bis März 1905. Wien. 1909. 73 p. 8°. (K. Akad. Wiss., Wien, math.-nat. Kl., Sitzber., Bd. 118. Abt. IIa. Mai, 1909, p. 629—701.)

Cape of Good Hope. Meteorological commission.

Report. 1906. Cape Town. 1907. xvi, 136 p. f°.

Report. 1907. Cape Town. 1908. xiv, 73 p. f°.

Report. 1908. Cape Town. 1909. xii, 53 p. f°.

Fitzroy, [Robert].

Le livre du temps. Manuel pratique de météorologie... traduit de l'anglais par M. Mac-Cleod. Paris. n. d. 291 p. 8°.

Gromadzki, Alexander von.

Aneroidy i sposób ich badania. (Die Aneroiden und die Methode ihrer Erforschung.) Przemysl. 1905. p. 19-34. 8°.

Guillaume, Ch.-Ed.

Traité pratique de la thermométrie de précision. Paris. xvi, 336 p. 1889. 8°.

Häussler, [Max] Ewald.

Beziehungen der atmosphärischen Isothermen zu der Massenerhebung der mitteldeutschen Gebirgsschwelle. Halle. 1909. 81 p. 14 chits. 8°. (Inaug.-Diss.—Halle.)

Ihne, E.

Phänologische Mitteilungen. (Jhrg. 1909.) Darmstadt. 1910. 35 p. 8°. (S.-A. Arbeiten der Landwirtschaftskammer... Hessen. Hft. 6.)

Kindler, Fintan.

Das Wetter. Eine elementare Einführung in die Witterungskunde. Köln. 1909. 142 p. 24°. (Benzigers Naturwiss. Bibliot.)

Koch, Wilhelm.

William Thomsons Skala der absoluten Temperatur. Hamburg. 1909. 25 p. 8°.

König, Willi.

Untersuchungen über den trockenen und heißen Sommer des Jahres 1904. [Berlin]. n. d. 128 p. 4°. (Inaug.-Diss.—Berlin.)

Lallayeaux d'Ormay.

Analyse expérimentale du tourbillon et des trombes marines. Paris. n. d. 43 p. 8°.

Macfie, Ronald Campbell.

Air and health. London. [1909.] viii, 345 p. 8°.

Maryland. Weather service.

Plant life of Maryland. Baltimore. 1910. 533 p. 4°. (Maryland weather service. v. 3.) [Chapter 1 discusses the relations between the plant life and the climate of Maryland; gives a brief bibliography.]

Meyer, Kirstine.

Temperaturbegrebets udvikling gennem Tiderne samt dets Sammenhæng med vekslende Forestillinger om Varmens Natur. Köbenhavn. 1909. vi, 192 p. 8°. (Inaug.-Diss.—Köbenhavn.)

Mill, Hugh Robert.

British rainfall... v. 49. 1909. London. 1910. 428 p. 8°.

dissemination of flood warnings as far south as Brownsville, Tex.

Hydrographs for typical points on several principal rivers are shown on Chart I. The stations selected for charting are Keokuk, St. Louis, Memphis, Vicksburg, and New Orleans, on the Mississippi; Cincinnati and Cairo, on the Ohio; Nashville, on the Cumberland; Johnsonville on the Tennessee; Kansas City on the Missouri; Little Rock on the Arkansas; and Shreveport on the Red.

SPECIAL PAPERS ON GENERAL METEOROLOGY.

Miquel, P.

Des organismes vivants de l'atmosphère. Paris. 1883. iv, 312 p. 4°. (Inaug.-Diss.—Paris.)

Mission scientifique du Ka-Tanga, 1898—1900.

Résultats des observations météorologiques effectuées sur le territoire de l'État Indépendant du Congo, du mois d'août 1898 au mois de décembre 1899. Documents... publiés par les soins de A. Lancaster. 17 ème. mémoire. Bruxelles. 1908. iv, 193 p. f°.

Norway. Norske meteorologiske institut.

Jahrbuch. 1909. Kristiania. 1910. xii, 121 p. f°.

Oliver, Miguel Correa.

Tratado elemental de meteorología. Madrid. 1909. 303 p. 8°. (With a volume of plates, 25 x 34 cm.)

Osaka (Japan). Osaka meteorological observatory.

Report. 1909. Pt. 2. Seismological observations in Osaka. Osaka. 1910. 4°.

Prussia. K. Kriegsministerium.

Vorschrift über Anlage und Prüfung von Blitzableitern an Militär-Hochbauten. (Bl. V.). Berlin. 1909. iv, 79 p. 8°.

Pringsheim, E.

Vorlesungen über die Physik der Sonne. Leipzig, etc. 1910. viii, 435 p. 8°.

Pollitz, Theodor.

Die Stürme im südlichen Indischen Ozean. Eine Untersuchung ihrer Häufigkeit, Anfangsrichtung, Dauer, Winddrehung und Luftdruckverhältnisse. Berlin. n. d. 32 p. 4°. (Inaug.-Diss.—Freiburg i. Br.)

Rouchon, Ulysse.

Recherches sur les inondations de la Loire supérieure et de ses affluents dans le département de la Haute-Loire. Paris. 1910. xxxiv, 61 p. 8°.

Schmidt, Curt.

Die Photographie im Dienste wissenschaftlicher Forschung. Wien, etc. n. d. 223 p. 24°. (Naturwiss. Taschenbibliothek. 3te. Bändchen.)

Schmitt, Theodor.

Die Meteorologie und Klimatologie des Albertus Magnus. Bad Dürkheim. 1909. 116 p. 8°. (Inaug.-Diss.—München.)

Schmitt, Karl.

Die innere Reibung von Luft und Helium bei tiefen Temperaturen. Halle. 1909. 32 p. 8°. (Inaug.-Diss.—Halle.)

Schubert, Johann, & Dengler, A.

Klima und Pflanzenverbreitung im Harz. Eberswalde. 1909. 35 p. 8°.

Schulz, Paul [August].

Klimaschwankungen im mittleren Norddeutschland und ihr Einfluss auf die Ernteerträge. Halle. 1907. 55 p. 4°. (Inaug.-Diss.—Halle.)

Société historique et archéologique des IIIe. et IVe. arrondissements. La cité.

Les inondations de Paris à travers les ages. (Cité et marais.) Paris. 1910. 49 p. 8°.

Sweden. Statens meteorologiska centralanstalt.

Meteorologiska iakttagelser. 1909. v. 51. Upsala, etc. 1910. xii, 157 p. f°.

Trabert, Wilhelm.

Meteorologie. 3 te. verbesserte Auflage. Leipzig. 1909. 140 p. 24°. (Sammlung Göschken. N:o 54.)

Trieste. I. r. osservatorio maritimo.

Rapporto annuale. 1906. v. 23. Trieste. 1910. 123 p. f°.

Uebe, Richard.

Labrador. Eine physiographische und kulturgeographische Skizze. Halle-am-Saar. 1909. 112 p. 8°. (Inaug.-Diss.—Leipzig.)

Völckers, G.

Lehrbuch für den Unterricht in den Wetterkunde. Leipzig. 1910. viii, 88 p. 8°.

Vujevic, P[aul].

Die Temperaturverhältnisse der untersten Luftsichten. Wien. 1909. 48 p. 8°. (Repr. Kaiserl. Akad. Wiss., Wien, math.-nat. Kl., Sitzber. Bd. 118, Abt. IIa. Juli, 1909. p. 971-1018).



MONTHLY WEATHER REVIEW.

AUGUST, 1910

Wasielewski, Waldemar von.

Goethes meteorologische Studien. Mit 9 Tafeln. Leipzig. 1910.
viii, 89 p. 8°.

Wurster, Casimir.

Ueber die Temperatur-Verhältnisse der Haut und deren Beziehungen
zum Stoffwechsel, zur Erkältung und Katarrh. Göttingen. 1889.
40 p. 8°. (S.-A., Deut. Reichs-Anz., Dez., 1, 12, 1887, No. 282,291.)

Yurief (Dorpat). University. Meteorological observatory.

Meteorologischen Beobachtungen... 1909. 44 Jhrg. Yurief. 1910.
92 p. 8°. (Russian and German.).

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, Librarian.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers or other communications bearing on meteorology or cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled; it shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau. Unsigned articles are indicated by a —.

American geographical society. Bulletin. New York. v. 42. Sept., 1910.
Huntington, Ellsworth. The Libyan oasis of Kharga. p. 641-661.

[Discusses evidences of fluctuations in climate].

—The island of São Thomé. p. 661-666. [Includes notes on the climate].

American journal of science. New Haven. v. 30. Oct., 1910.

McAdie, Alexander [G.]. New units in aero-physics. p. 277-282.

Astrophysical journal. Chicago. v. 32. Sept., 1910.

Humphreys, W. J. Solar disturbances and terrestrial temperatures
p. 97-111. [Includes discussion of the variations of the ozone-
content of the upper atmosphere, and their effects on terrestrial
temperature].

Cairo scientific journal. Alexandria. v. 4. 1910.

Craig, J. L. Estimates of the amount of the Nile flood at Khartoum.
p. 36-38. (February.)

Türstig, R. Southern Kordofan. p. 74-76. (March.) [With notes on
the climate].

London, Edinburgh and Dublin philosophical magazine. London. 6 series.
September, 1910.

Chree, C[harles]. Discussion of results obtained at Kew Observatory
with an Elster and Geitel electrical dissipation apparatus, from 1907
to 1909. p. 475-493.

Nature. London. v. 84. September 21, 1910.

L., R. G. K. The dynamics of the föhn. p. 368-369. [Abstract of
memoir by Ficker].

Royal meteorological society. Quarterly journal. London. v. 36. July,
1910.

Rawson, H. E. The North-Atlantic anticyclone: Tracks of the centres
of high areas, 1882-83. p. 197-210.

—Mirage in a London square. p. 210. [Extract from The Times,
London].

Lyons, H. G. Climatic influences in Egypt and the Eastern Sudan.
p. 211-235.

—Surgeon-Major William Galt Black. p. 254. [Obituary.]

—William Ford Stanley. p. 256. [Obituary.]

—Capt. Henry Toynbee. p. 257. [Obituary.]

Bjerknes, V. F. Synoptical representation of atmospheric motions.
p. 267-286.

—The origin of typhoons. p. 296.

—Climate of the British Solomon Islands. p. 303.

Science. New York. v. 32. October 7, 1910.

Bigelow, Frank H. Meteorology at the Sheffield meeting of the
British Association. p. 458-460.

Scientific American supplement. New York. v. 42. September 17, 1910.

Benham, Charles E. Atmospheric electricity. A review of recent
researches. p. 189-190. [Illustrated].

Scottish geographical magazine. Edinburgh. v. 26. September, 1910.

—The topography, climate, and vegetation of the Gold coast. p. 466-478. [Abstract of official report by H. G. Thompson.]

Symon's meteorological magazine. London. v. 45. September, 1910.

Gold, E. The meteorological luncheon, British Association, Sheffield,
1910. p. 142-144.

Terrestrial magnetism. Baltimore. v. 15. September, 1910.

Strong, W. W. Glossary of atmospheric electricity terms. p. 145-158.

Annalen der Physik. Leipzig. 4. ser. Bd. 33. 1910.

Leimbach, Gotthelf. Ein neues Linearbolometer. p. 308-318. [Heft 2.]

Bahr, Eva von. Über die Zersetzung des Ozons durch ultraviolette
Licht. p. 598-606. (Heft 3.) [Concludes that there can be but
little ozone in the upper atmosphere, as the deozoneizing effect of sun-
light increases with diminished pressure.]

Meteorologische Zeitschrift. Braunschweig. Bd. 27. August 1910.

Voeikov, Aleksandr Ivanovich. Klima des Aigoual (Cevennes). p. 337-
341.)

Defant, Albert. Ergebnisse der Beobachtungen des niederöster-
reichischen Gewitterstationsnetzes in den Jahren 1901 bis 1905.
p. 341-354. [With chart of thunderstorm-distribution in Lower
Austria, 1901-1905.]

Kähler, Karl. Über die Wirkung von Regenfällen und Böen auf das
Potentialgefälle am Erdboden. p. 368-370.

—Klima von Wiesbaden. p. 373.

Wegener, Alfred. Die Grösse der Wolkenelemente. p. 354-361.

Exner, Felix M. Pilotballonaufstiege für die Wetterprognose. p. 361-
364.

Fischer, Kuno. Über Kondensation an negativen Ionen, Elektronen.
I. p. 365-368.

Exner, Felix M. Über die Helligkeit des Himmels und das Erdlicht.
p. 370-372. [Review of memoir by L. Yntema.]

Hann, Julius. Klima von Mogador, Marokko. p. 377-378. [Col-
lected data & normals 1894-1907.]

Physikalische Zeitschrift. Leipzig. 11 Jahrg. 1. Sept. 1910.

Bestelmeyer, A. Zur Theorie des Ballonvariometers. p. 763-768.

Prometheus. Berlin. Jahrgang 21. 14. September 1910.

H., R. Über das Klima Mitteleuropas. p. 793-794. [Discusses supposed
changes in the climate of Europe since the middle of the 19th century.]